

APPENDIX C

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
CERTIFIED EQUIPMENT PERMIT**



CERTIFIED EQUIPMENT PERMIT
(NOT A PERMIT TO CONSTRUCT OR OPERATE)

Granted as of December 15, 2000

**Legal Owner
or Operator:**

ID 117098

QUIKWATER/WEBCO INDUSTRIES
9101 WEST 21ST STREET
SAND SPRINGS, OK 74063
ATTN: MR. TROY KUSKE

Equipment Location: SAME AS ABOVE

The equipment described below and as shown on the approved plans and specifications are subject to the special condition or conditions listed.

Equipment Description

WATER HEATER, DIRECT CONTACT, QUIKWATER, MODEL 2500, 2,800,000 BTU PER HOUR, NATURAL GAS FIRED, WITH LOW NO_x QUIKWATER BURNER, MODEL 2500, AND A FORCED DRAFT 5 HP COMBUSTION AIR BLOWER.

Manufacturer Condition

1. THIS CERTIFIED EQUIPMENT PERMIT SHALL NOT RELIEVE THE PERSON CONSTRUCTING, INSTALLING OR OPERATING THE EQUIPMENT AT EACH SPECIFIC SITE FROM THE REQUIREMENT TO OBTAIN ALL NECESSARY PERMITS TO CONSTRUCT AND OPERATE OR, FROM COMPLIANCE WITH ANY OTHER DISTRICT RULES INCLUDING THE REQUIREMENTS OF REGULATION XIII.

End User Conditions

1. THIS BOILER SHALL BE FIRED WITH NATURAL GAS ONLY. PROPANE MAY BE UTILIZED AS A BACKUP FUEL.
2. THIS BOILER SHALL EMIT NO MORE THAN NINE (9) PPM OF OXIDES OF NITROGEN (NO_x) AND NO MORE THAN FIFTY (50) PPM OF CARBON MONOXIDE (CO), MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂.
3. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED COMMENCING FROM START-UP ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.

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4. RECORDS OF SUCH ADJUSTMENTS, TUNE UPS, AND CALIBRATION AS STATED IN CONDITION NO. 3 SHALL BE KEPT FOR AT LEAST 2 YEARS AND BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
5. THIS EQUIPMENT SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE MOST CURRENT VERSION OF DISTRICT RULE 1146.1 - *EMISSIONS OF OXIDES OF NITROGEN FROM SMALL INDUSTRIAL, INSTITUTIONAL AND COMMERCIAL BOILERS, STEAM GENERATORS, AND PROCESS HEATERS.*
6. THE TOTAL QUANTITY OF VOC, NO_x, SO_x, AND PM₁₀ EMITTED FROM THIS FACILITY TO THE ATMOSPHERE SHALL EACH NOT EXCEED 667 POUNDS IN ANY ONE CALENDAR MONTH AND CO EMITTED FROM THIS FACILITY TO THE ATMOSPHERE SHALL NOT EXCEED 4,833 POUNDS IN ANY ONE CALENDAR MONTH.

Please notify RAMAN PATEL at 909/396-2466 when SCAQMD information packets are needed or if you have any questions concerning the Certification/Registration Program.

This Certified Equipment Permit is based on the plans, specifications, and data submitted as it pertains to the release of air contaminants and control measures to reduce air contaminants. No approval or opinion concerning safety and other factors in design, construction or operation of the equipment is expressed or implied.

This Certified Equipment Permit will become invalid if this application is canceled. THIS PERMIT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE unless an extension is granted by the Executive Officer.

B. *Dorris M. Bailey*
DORRIS M. BAILEY/rcp
Principal Office Assistant

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Equipment Location: SAME AS ABOVE

The equipment described below and as shown on the approved plans and specifications are subject to the special condition or conditions listed.

Equipment Description

WATER HEATER, DIRECT CONTACT, QUIKWATER, MODEL 3500, 3,800,000 BTU PER HOUR, NATURAL GAS FIRED, WITH LOW NO_x QUIKWATER BURNER, MODEL 3500, AND A FORCED DRAFT 5 HP COMBUSTION AIR BLOWER.

Manufacturer Condition

1. THIS CERTIFIED EQUIPMENT PERMIT SHALL NOT RELIEVE THE PERSON CONSTRUCTING, INSTALLING OR OPERATING THE EQUIPMENT AT EACH SPECIFIC SITE FROM THE REQUIREMENT TO OBTAIN ALL NECESSARY PERMITS TO CONSTRUCT AND OPERATE OR, FROM COMPLIANCE WITH ANY OTHER DISTRICT RULES INCLUDING THE REQUIREMENTS OF REGULATION XIII.

End User Conditions

1. THIS BOILER SHALL BE FIRED WITH NATURAL GAS ONLY. PROPANE MAY BE UTILIZED AS A BACKUP FUEL.
2. THIS BOILER SHALL EMIT NO MORE THAN NINE (9) PPM OF OXIDES OF NITROGEN (NO_x) AND NO MORE THAN FIFTY (50) PPM OF CARBON MONOXIDE (CO), MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂.
3. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED COMMENCING FROM START-UP ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.

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6. THE TOTAL QUANTITY OF VOC, NO_x, SO_x, AND PM₁₀ EMITTED FROM THIS FACILITY TO THE ATMOSPHERE SHALL EACH NOT EXCEED 667 POUNDS IN ANY ONE CALENDAR MONTH AND CO EMITTED FROM THIS FACILITY TO THE ATMOSPHERE SHALL NOT EXCEED 4,833 POUNDS IN ANY ONE CALENDAR MONTH.

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DORRIS M. BAILEY/rcp
Principal Office Assistant

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WATER HEATER, DIRECT CONTACT, QUIKWATER, MODEL 5000, 5,000,000 BTU PER HOUR, NATURAL GAS FIRED, WITH LOW NO_x QUIKWATER BURNER, MODEL 5000, AND A FORCED DRAFT 15 HP COMBUSTION AIR BLOWER.

Manufacturer Condition

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